

## DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: OPTICAL AMPLIFICATION OF MOLECULAR INTERACTIONS USING LIQUID CRYSTALS, the specification of which      is attached hereto or X was filed on June 5, 1998 as Application No. 09/092,453 and was amended on      (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u>  </u> No <u>  </u>
			Yes <u>  </u> No <u>  </u>

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:


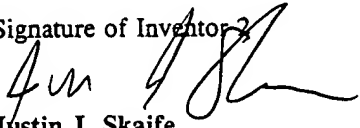
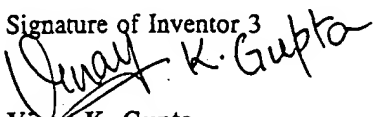

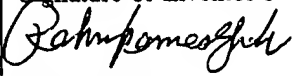
Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<u>  </u> Patented <u>  </u> Pending <u>  </u> Abandoned
		<u>  </u> Patented <u>  </u> Pending <u>  </u> Abandoned

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Full Name of Inventor 2	Last Name Skaife	First Name Justin	Middle Name or Initial J.	
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Full Name of Inventor 5	Last Name Shah	First Name Rahul	Middle Name or Initial	
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Full Name of Inventor 6	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Nicholas L. Abbott	Signature of Inventor 2  Justin J. Skaife	Signature of Inventor 3  Vinay K. Gupta
Date July 22, 1998	Date August 6, 1998	Date July 29, 1998
Signature of Inventor 4  Timothy B. Dubrovsky	Signature of Inventor 5  Rahul Shah	Signature of Inventor 6
Date July 24, 1998	Date August 1, 1998	Date

DEC 5 MRG 8/96  
02307Z\085800\DECL.MP

000180-443229

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

August 19, 1998

TOWNSEND and TOWNSEND and CREW LLP

PATENT

Attorney Docket No. 02307Z-085800US  
UC Case No. 98-207-1

By Debra A. DeBello

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
ABBOTT et al. )  
Serial No.: 09/092,453 )  
Filed: June 5, 1998 )  
For: OPTICAL AMPLIFICATION OF )  
MOLECULAR INTERACTIONS )  
USING LIQUID CRYSTALS )

POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 CFR § 3.71

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints Kevin L. Bastian, Reg. No. 34,774; Gregory P. Einhorn, Reg. No. 38,440; Susan K. Faris, Reg. No. P-41,739; M. Henry Heines, Reg. No. 28,219; Tom Hunter, Reg. No. 38,498; Laurence J. Hyman, Reg. No. 35,551; Jeffry S. Mann, Reg. No. P-42,837; Annette S. Parent, Reg. No. P-42,058; Timothy L. Smith, Reg. No. 35,367; William M. Smith, Reg. No. 30,223; Joseph R. Snyder, Reg. No. 39,381; Eugenia Garrett-Wackowski, Reg. No. 37,330; P. Ben Wang, Reg. No. 41,420; Ellen Lauver Weber, Reg. No. 32,762; Kenneth A. Weber, Reg. No. 31,677; all of the firm of Townsend and Townsend and Crew LLP, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR § 3.71.

An assignment of the entire interest in the above-identified subject application:

000T80"4482E960

